



AB The Fine Arts Airbrush

OVER 15,000 OF THESE AIRBRUSHES ARE NOW IN USE
BY FAMOUS ARTISTS ALL OVER THE WORLD.

Creative Artists, Retouchers, Architectural, Fashion and Monument Designers, Professional and Commercial Photographers and Art Directors find this the Only Airbrush that will handle Opaque Colors under relaxed control for the finest of work detail.

This Airbrush enables the Artist to draw the finest lines (not obtainable with any other Art Instrument). A sensitive rocking lever action provides positive control of the atomized color from a small dot to the sharpest lines which may be gradually widened by lever action to the spray desired.

Panel effects, contrasts, stone, metal and cloth textures are but a few of the many textures that may be made or created with the AB Airbrush.

With a round deeper cup and replaceable Needle Bearing, the improved design makes conversion from Easel Position to Drawing Board Position a simple adjustment. The specially shaped cup holds more color with less possibility of spilling.

The AB Airbrush will not clog with Opaque Colors, India Inks, Printer Inks or Dyes, can also be used without the slightest injury to the Airbrush. Colors should not be left to dry in the Color Cup. High Grade colors will produce the best results.

Practice is of utmost importance to acquire skill in the use of this Instrument and to create the many fine artistic effects possible in freehand Airdrawings and in Mechanical Retouching.

OPERATION:

It is important to have Clean, Dry Air Supply to insure best results and work. AM6' Manual Airconditioner with Air Regulator or AA Automatic Airconditioner is of sufficient capacity to provide clean and instantly regulated airpressure with which to provide quick and dependable air supply at all times for several Airbrushes. Airpressure should be about 25 pounds.

After attaching Air Hose to the Compressor blow out any particles of rubber or dirt, that may be in the Air Hose, then screw HLC20⁰ 1/4"-40 thread coupling securely onto A128 Valve Casing. When cup is new it is necessary to start flow of color by using a stiff brush to push the color into the needle slot, or by pressing the thumb over the entire cup opening in a pumping action, thus filling color slot to feed the needle. Repeat this action until color flows freely in the slot of A164 Needle Bearing.

Airbrush should be held so that the needle is parallel to surface of work. Press A121 Finger Button straight downward with index finger, in which position the Airbrush will produce a fine line when held near the working surface. To widen the spray draw the Airbrush gradually away from the surface. For shading and ground laying, the Airbrush should be held from the surface, the distance depending on how far back the finger lever is pulled.

Practice finger movement until familiar with action of Airbrush and the distance it should be held from the work to obtain the desired width of spray.

(Continued on Back Page)



Reproduction of Free-Hand Airdrawing - showing Textures and Map Topography - Produced with Type "AB" Airbrush using Transparent Black and Opaque White over a Gray Background. Courtesy of: Halshelton, U. S. Geodetic Surveys.



Mr. E. Perrine, Famous Artist, graciously presented the Paasche Art Collecting many Original Free-Hand Airpaintings of which a few are reproduced here.

Airpointing by Vargo, the master painter of the contemporary American girl. Copyright 1945 by Esquire, Inc.



Prize winning freehand airpainting by J. Greenleaf.

Paasche Airbrush Co.

1909 DIVERSEY PARKWAY

CHICAGO 14, ILLINOIS

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(Continued from Page One)

IMPORTANT ADJUSTMENTS:

A142 Needle Guide hold the Needle in alignment. This should be adjusted to guide the Needle in the bearing, not too tight (as this will cause friction) and not too loose (as this will permit needle to vibrate). The needle should move freely, to produce the finest line, graduating into a wider spray, according to the various positions of the finger lever.

A60 Lever Adjusting Screw regulates the needle so that it can always be set to start with the finest line. By turning A60 screw to right, needle is brought forward to start with a heavier line.

A116 Needle is one of the most important parts of the Airbrush, as results produced depend on the fineness of the needle point. Needles are shaped, bent and cut to fit and are very easily replaced. The needle points are packed in cotton for protection, and care must be taken that the point is always kept straight. A bent needle will cause frayed lines. When changing the needle, use tweezers and place bent end down in A107 Walking Arm Slot and into groove below. Press needle under A142 Needle Guide and gently place point of needle into A164 Needle Bearing Slot without bending it. For removing, reverse procedure. A Fine line depends upon the sharpness of the point and the position of the finger lever.

A146 Stipple Adjusting Screw controls the volume of air released, by turning this screw to the right, a Stipple Effect can be produced. By varying the position of this screw, the texture of the stipple can be controlled from a very fine to a coarse stipple which requires very low airpressure.

A101 Air Blast Jet must always be set so that the needle will center the air blast. Proper alignment of the air stream will produce a fine line and smooth spray. If Orifice Jet is clogged the spray will be coarse. Clean by removing Jet and blow out accumulations.

A140 Speed Regulating Screw controls the speed of the wheel and the needle. Regulate for fast or slow feed of color.

A165 Color Cup is adjustable for drawing board or easel use as shown in figures 2 and 3. When changing position of color cup, tilt A160 Color cup to the desired position and adjust the air blast so that it centers directly on the needle.

A164 Needle Bearing is removable, when worn out, press out and insert a new bearing.

CARE and CLEANING:

CLEAN AIRBRUSH AFTER USE - For cleaning use a bristle brush saturated with a fluid, such as gasoline or benzine, for heavy oil colors, or water for moist colors. After soaking until the dry color has dissolved, empty cup by placing the bristle brush between the A101 Air Blast Jet and the A164 Needle Bearing - then operate the finger lever to create a suction to draw the remaining fluid from the cup. Dry with airpressure before putting Airbrush away.

A114 Self-Feeding Grease Cup should be kept filled with Lubricant. The A142 Needle Guide should also be lubricated, so that the needle may run without friction.

This Airbrush is sturdily constructed and repairs are seldom required even after many years of service. If Airbrush is damaged, we recommend that it be returned to the factory for repairs.

Should any further information be required, regarding the handling or operation of the Airbrush, inquiries addressed to the attention of the Art Department will be given prompt attention.

DO NOT USE ALCOHOL OR LACQUER
COLORS IN THIS AIRBRUSH.

REPLACEMENT PARTS PRICE LIST

A 14 Air Lever Fork	\$2.75	A142 Needle Guide	\$.75	H21A Valve Plunger (To be fitted	
A 22 Valve Spring	.15	A143 Needle Guide Spring	.15	at factory)	\$.20
A23A Valve Nut	.15	A154 Button Shaft Bearing	1.10	VL118 Protecting Cap	.35
A 58 Lever Pivot	.40	A160 Color Cup Screw	.25		
A 60 Lever Adjusting Screw,...	.25	A161 Handle	1.00	ACCESSORIES	
A104 Walking Arm Plunger	.90	A164 Needle Bearing	1.30	A 64 Screw Driver	\$.20
A105 Walking Arm Spring	.15	A165 Color Cup Assembly	4.25	A117 Tweezers	.15
A106 Walking Arm Shaft	.65	A172 Power Wheel & Shaft Assem.	3.75	A118 Lubricant	.20
A107 Walking Arm	1.00	(Wheel & Shaft should be ordered		A 34 Airbrush Hanger	.25
A114 Self Feeding Grease Cup .	.15	assembled to be sure parts run true)		AB Case (Free with Airbrush) ...	2.00
A116 Needle, per dozen	1.35	A111B Power Wheel ..	\$1.25	A 1/8"-6' Air Hose with Couplings	1.69
A121 Finger Lever and Button..	.95	A153A Cam Shaft	2.50	Add for Longer Hose per foot \$	1.1 1/2¢
A128 Valve Casing	.80	A173 Tube & Jet Assembly....	2.85	A braided Air Hose, 1/8" I. D.,	
A131 Wheel Housing	1.95	A101 Air Blast Jet	\$.75	3/64" OD. Working Pressure 200 lbs.	
A133 Top Shaft Bearing.....	1.20	A138 Air Blast Tube ...	1.80	AC20°-1/8"-1/4"-40 Thr. coupling	.50
A139 Air Blast Tube Locknut ..	.15	A146 Stipple Adjuster..	.30	AC 1/8"-1/4" Coupling	.50
A140 Speed Regulating Screw..	.25	A 52 Valve Washers, per dozen.	.60	HF 1/4" Line Valve	1.40

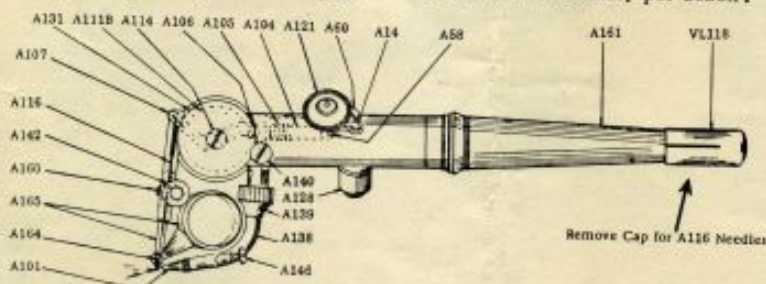


FIG. 1

Side View of A116 Needle

Top View of A116 Needle



FIG. 2

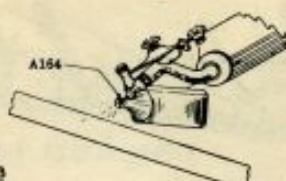


FIG. 3

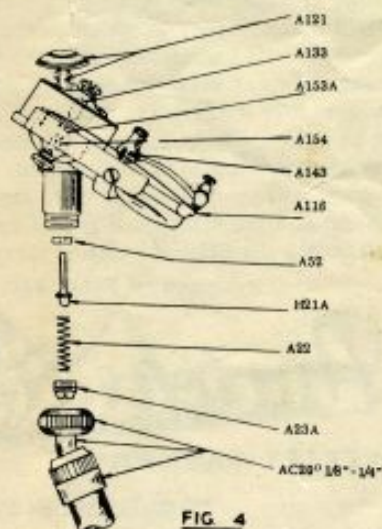


FIG. 4

PRICES OBSOLETE